

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030176.D
 Acq On : 26 May 2021 19:23
 Operator : CG/JU
 Sample : M2495-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB439MS

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:34:03 AM

Quant Time: May 27 02:40:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	258560	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1124363	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	757383	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1603242	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1435807	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	1218992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21979	3.48	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	0.00
7) Phenol-d5	7.034	99	140504	6.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	431232	30.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	435852	25.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	275188	15.24	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	269506	36.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	266630	38.15	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	571630	31.70	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	36885	1.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2136844	36.90	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2552674	34.20	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	74156	7.93	ng/ul	0.00
60) Fluorene-d10	15.492	176	1861835	36.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	329771	42.43	ng/ul	0.00
73) Anthracene-d10	17.333	188	2966942	37.39	ng/ul	0.00
81) Pyrene-d10	19.615	212	3273169	42.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	2589146	37.47	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	19793	2.91	ng/uL	98
6) Benzaldehyde	7.022	77	496095	40.90	ng/ul	96
8) Phenol	7.057	94	169300	7.33	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.298	93	572332	30.88	ng/ul	98
12) 2-Chlorophenol	7.445	128	458047	26.27	ng/ul	98
13) 2-Methylphenol	8.310	108	332596	19.05	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.410	45	971858	31.55	ng/ul	99
16) Acetophenone	8.698	105	944867	32.39	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.686	70	509423	33.10	ng/ul	99
18) 4-Methylphenol	8.639	108	306890	16.32	ng/ul	100
19) Hexachloroethane	8.963	117	236426	31.67	ng/ul	99
22) Nitrobenzene	9.075	77	696217	35.04	ng/ul	99
23) Isophorone	9.604	82	1382467	33.00	ng/ul	100
25) 2-Nitrophenol	9.786	139	308284	39.06	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	569662	27.13	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.080	93	833466	32.46	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	561366	32.25	ng/ul	99
30) Naphthalene	10.722	128	2004180	32.49	ng/ul	99
32) 4-Chloroaniline	10.827	127	50268	1.81	ng/ul	99
33) Hexachlorobutadiene	11.010	225	385513	32.51	ng/ul	99
34) Caprolactam	11.616	113	11163m	2.10	ng/ul	99
35) 4-Chloro-3-methylphenol	11.939	107	543280	29.78	ng/ul	98
36) 2-Methylnaphthalene	12.327	142	1542797	33.45	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	1481117	33.03	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.698	216	835514	34.00	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	493103	28.63	ng/ul	98
41) 2,4,6-Trichlorophenol	12.933	196	519435	37.66	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	571797	38.32	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	2016378	33.38	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	1563956	33.68	ng/ul	99
45) 2-Nitroaniline	13.580	65	442699	41.51	ng/ul	94
47) Dimethylphthalate	13.957	163	2287182	39.99	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	425920	46.72	ng/ul	95
50) Acenaphthylene	14.227	152	2511515	34.84	ng/ul	100
51) 3-Nitroaniline	14.398	138	192463	18.12	ng/ul	97
52) Acenaphthene	14.563	153	1782495	35.01	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	209739	36.65	ng/ul	99
55) 4-Nitrophenol	14.692	109	58156	5.66	ng/ul	97
56) Dibenzofuran	14.898	168	2529689	35.90	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	609031	46.07	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	545649	43.30	ng/ul	99
59) Diethylphthalate	15.321	149	2272947	39.23	ng/ul	99
61) Fluorene	15.545	166	2222046	37.16	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1081562	36.89	ng/ul	100
63) 4-Nitroaniline	15.557	138	382273	34.99	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.621	198	342643	42.74	ng/ul#	95
67) N-Nitrosodiphenylamine	15.751	169	1978367	37.83	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	693094	38.41	ng/ul	98
69) Hexachlorobenzene	16.545	284	796731	38.63	ng/ul	99
70) Atrazine	16.698	200	705705	37.62	ng/ul	99
71) Pentachlorophenol	16.886	266	449502	35.68	ng/ul	99
72) Phenanthrene	17.280	178	3575395	38.05	ng/ul	100
74) Anthracene	17.368	178	3689042	38.28	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	791595	30.26	ng/uL	99
76) Pentachlorobenzene	14.821	250	843250	34.75	ng/uL	99
77) Carbazole	17.633	167	3363770	38.51	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3978101	41.01	ng/ul	99
80) Fluoranthene	19.286	202	4142888	44.04	ng/ul	98
82) Pyrene	19.645	202	4242595	43.15	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1557117	46.39	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.309	252	1283061	42.21	ng/ul	99
85) Benzo(a)anthracene	21.380	228	3704038	39.16	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	2322027	43.12	ng/ul	98
87) Chrysene	21.433	228	3552841	38.58	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	3427980	43.74	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	3422689	41.90	ng/ul	99
91) Benzo(k)fluoranthene	23.044	252	3206048	39.80	ng/ul	99
93) Benzo(a)pyrene	23.591	252	2900350	40.22	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.032	276	3465665	38.37	ng/ul	100
95) Dibenzo(a,h)anthracene	26.044	278	2891242	38.29	ng/ul	98
96) Benzo(g,h,i)perylene	26.750	276	2795074	37.88	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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